



PTO/SB/21 (09-04)

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COPIE

TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number

7,106,780

Issue Date

September 12, 2006

First Named Inventor

Li et al.

Application Number

10/725,788

Filing Date

December 2, 2003

Attorney Docket Number

I-2-0480.1US

ENCLOSURES (Check all that apply)

- Fee Transmittal Form
 Fee Attached
- Amendment/Reply
 After Final
 Affidavits/declaration(s)
- Extension of Time Request
- Express Abandonment Request
- Information Disclosure Statement
- Certified Copy of Priority Document(s)
- Reply to Missing Parts/ Incomplete Application
 Reply to Missing Parts under 37 CFR 1.52 or 1.53

- Drawing(s)
 Licensing-related Papers
 Petition
 Petition to Convert to a Provisional Application
 Power of Attorney, Revocation
 Change of Correspondence Address
 Terminal Disclaimer
 Request for Refund
 CD, Number of CD(s) _____
 Landscape Table on CD

Remarks

After Allowance Communication to TC

Appeal Communication to Board of Appeals and Interferences

Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

Proprietary Information

Status Letter

Other Enclosure(s) (please identify below):

Request for Certificate of Correction and Form PTO/SB/44

Certificate

DEC 27 2006

of Correction

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

VOLPE AND KOENIG, P.C.

Signature

Printed name

Robert D. Leonard

Date

19 DEC 2006

Reg. No.

57,204

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

Robert D. Leonard

Date

19 DEC 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

JAN - 8 2007.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Li et al.
Patent No.: 7,106,780
Issued: September 12, 2006
Appln. No.: 10/725,788
Filed: December 2, 2003
For: RAKE-BASED CDMA RECEIVERS FOR
MULTIPLE RECEIVER ANTENNAS

Our File: I-2-0480.1US
Date: December 19, 2006

REQUEST FOR CERTIFICATE OF CORRECTION

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§ 1.322, 1.323 is requested for U.S. Patent No. 7,106,780. Correction of the following errors is requested.

IN THE DRAWINGS

At FIG. 4, after element #405, arrowed line should be tagged $\frac{1}{N} \sum_{k=1}^N h(k)h(k)$ ^H and

after element #415, arrowed line should be tagged $\frac{1}{N} \sum_{k=1}^N d(k)d(k)$ ^H.

12/22/2006 HVUONG1 00000017 090435 7106780

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Patentee: Li et al.
Patent No.: 7,106,780

IN THE SPECIFICATION

At column 2, line 15, after the words "components and", delete "accross" and insert therefor --across--.

At column 3, line 14, before the word "Thus," delete " $h_{2,2}, \dots, h_{M,1}, h_{M,2}, \dots, h_{M,L}]^T$ " and insert therefor -- $h_{2,2}, \dots, h_{M,1}, h_{M,2}, \dots, h_{M,L}]^T$ --.

IN THE CLAIMS

At claim 3, column 5, line 13, after the words "each Rake", delete "finaer" and insert therefor --finger--.

At claim 4, column 5, line 36, after the word "each", insert --Rake--.

At claim 10, column 6, line 53, after the word "each", insert --Rake--.

At claim 16, column 8, line 4, after the word "each", insert --Rake--.

Patentee: Li et al.
Patent No.: 7,106,780

REMARKS

Patentees believe that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentees have enclosed a completed Certificate of Correction Form PTO/SB/44.

For the Examiner's convenience, a copy of the initialed form PTO-1449 showing the references considered by the Examiner but not on the face page of the printed patent is provided.

Since at least one of the errors was caused by Applicants, please charge the surcharge fee of \$100.00 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09-0435.

Patentees respectfully request that the Certificate of Correction be issued.

Respectfully submitted,

Li et al.

By 
Robert D. Leonard
Registration No. 57,204
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

RDL/dcb

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 7,106,780

APPLICATION NO.: 10/725,788

ISSUE DATE : Septembr 12, 2006

INVENTOR(S) : Li et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE DRAWINGS

At FIG. 4, after element #405, arrowed line should be tagged $\frac{1}{N} \sum_{k=1}^N h(k)h(k)^H$ and after element #415, arrowed line should be tagged $\frac{1}{N} \sum_{k=1}^N d(k)d(k)^H$.

IN THE SPECIFICATION

At column 2, line 15, after the words "components and", delete "accross" and insert therefor
--across--.

At column 3, line 14, before the word "Thus," delete " $h_{2,2}, \dots, h_{M,1}, M, 2, \dots, h_{M,L}]^T$ " and insert therefor
-- $h_{2,2}, \dots, h_{M,1}, h_{M,2}, \dots, h_{M,L}]^T$ --.

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

Page 2 of 2

PATENT NO. : 7,106,780

APPLICATION NO.: 10/725,788

ISSUE DATE : Septembr 12, 2006

INVENTOR(S) : Li et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS

At claim 3, column 5, line 13, after the words "each Rake", delete "finaer" and insert therefor
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At claim 4, column 5, line 36, after the word "each", insert --Rake--.

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At claim 16, column 8, line 4, after the word "each", insert --Rake--.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2006

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)
100.00

Complete if Known

Application Number	10/725,788
Filing Date	December 2, 2003
First Named Inventor	Li et al.
Examiner Name	Jean B. Corriellus
Art Unit	2611
Attorney Docket No.	I-2-0480.1US

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 09-0435 Deposit Account Name: InterDigital Communications Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)	Small Entity	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES

Fee Description

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Small Entity	Fee (\$)	Fee (\$)
-	=	x	=	50	25	

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	Fee (\$)	Fee Paid (\$)
-	=	x	=	0	0	0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Corrections

100.00

SUBMITTED BY

Signature	<i>Robert D. Leonard</i>	Registration No. (Attorney/Agent) 57,204	Telephone 215-568-6400
Name (Print/Type)	Robert D. Leonard	Date 19 DEC 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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